MMM	MMM	TTTTTTTTTTTTTT	ННН	HHH	RRRRRRRR	RRRR	TTTTTTTTTTTTTT	LLL
MMM	MMM	††††††††††††††††	ННН	ННН	RRRRRRRR		TTTTTTTTTTTTT	
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MMMMMM	MMMMMM	111	нин	ннн	RRR	RRR	777	
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		111	HHH	ннн	RRR	RRR	ŢŢŢ	řřř
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	MMM MMM	111	HHH	HHH	RRR	RRR	TTT	LLL
MMM	MMM MMM	TTT	HHH	HHH	RRR	RRR	TTT	LLL
MMM	MMM	TTT	<b>НИНИНИНИНИ</b>		RRRRRRRR		ŤŤŤ	ĬĬĬ
MMM	MMM	TTT	<b>НИНИНИНИНИ</b>		RRRRRRRR		ŤŤŤ	<i>ו</i> ווֹ דּ
MMM	MMM	ŤŤŤ	<b>НИНИНИНИНИ</b>		RRRRRRRR		ŤŤŤ	iii
MMM	MMM	ŤŤŤ	ННН	ннн	RRR RR		ŤŤŤ	ili
MMM	MMM	ŤŤŤ	нин	ннн	RRR RR		ήii	
MMM	MMM	ή††	HHH	HHH	RRR RR		111	LLL
MMM		   T T						LLL
	MMM		ннн	ННН	RRR	RRR	ŢŢŢ	rrr
MMM	MMM	III	HHH	ННН	RRR	RRR	ŢŢŢ	LLL
MMM	MMM	TTT	ННН	HHH	RRR	RRR	TTT	LLL
MMM	MMM	TTT	ННН	HHH	RRR	RRR	TTT	
MMM	MMM	TTT	HHH	HHH	RRR	RRR	TTT	LLLLLLLLLLLLLL
MMM	MMM	111	ННН	HHH	RRR	RRR	ŤŤŤ	

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MM MM MMM MMMM MMMM MMMM MM MM MM MM MM		HH HHHHHH	NN NN NN NN NN NN NNNN NN NNNN NN NNNN NN NN NN NN NN NN NN NN	NN	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
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MTH\$ININT - Nearest Integer 16-SEP-1984 01:43:56 VAX/VMS Macro V04-00

(2) 49 HISTORY ; Detailed Current Edit History
(3) 60 DECLARATIONS
(4) 86 MTH\$ININT - return nearest integer as INTEGER\*2

\*\*

Page 0

0000 0000

16-SEP-1984 01:43:56 VAX/VMS Macro V04-00 6-SEP-1984 11:26:18 [MTHRTL.SRC]MTHININT.MAR:1

(1)

MTH

Tal

.TITLE MTH\$ININT - Nearest Integer .IDENT /2-001/ ; File: MTHININT.MAR

N 1

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; FACILITY: MATH LIBRARY

; ABSTRACT:

**VERSION: 1** 

HISTORY:

AUTHOR:

Jonathan M. Taylor, 28-Jul-77: Version 0

MODIFIED BY:

Steven B. Lionel, 19-feb-1979: Version 2

\*

322222222223333333

46 :

```
- Nearest Integer
HISTORY; Detailed Current Edit History 6-SEP-1984 01:43:56 VAX/VMS Macro V04-00 Page 2

0000 49 .SBTIL HISTGRY; Detailed Current Edit History
0000 50
0000 51
0000 52; Edit History for Version 1 of MTH$ININT
0000 53;
0000 54; 0-2 - Remove MTH$FLAG JACKET. TNH 5-July-78
0000 55; 1-001 - Update version number and copyright notice. JBS 16-NOV-78
0000 56; 1-002 - Add "" to the PSECT directive. JBS 22-DEC-78
0000 57; 1-003 - Add IV to entry mask. SBL 06-Feb-79
0000 58; 2-001 - Use CVTRFL. SBL 19-Feb-79
```

MTI

.PSECT \_MTH\$CODE PIC, SHR, LONG, EXE, NOWRT

(4)

4000 0000 119 48 0002 120 F7 0006 121 04 0009 122 000A 123 000A 124 000A 125

50

ENTRY MTHSININT, CVTRFL 24(AP), RO CVTLW RO, RO

; RO gets rounded argument ; convert to INTEGER\*2

.END

E 2

MTH\$ININT Symbol table

MTHSININT

- Nearest Integer

00000000 RG

! Psect synopsis!

PSECT name PSECT No. Allocation Attributes ABS 00000000 00 ( 0.) NOPIC USR LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE CON MTHSCODE 000000A ( 01 ( 1.) PIC 10.) USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	80.00:00:00	00:00:01.22
Command processing	114	00:00:00.46	00:00:03.60
Pass 1	63	00:00:00.38	00:00:02.26
Symbol table sort		00:00:00.00	00:00:00.00
Pass 2	0 37	00:00:00.28	00:00:01.17
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	Ŏ	00:00:00.00	00:00:00.00
Assembler run totals	248	00:00:01.24	00:00:08.29

The working set limit was 750 pages.
1191 bytes (3 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
125 source lines were read in Pass 1, producing 10 object records in Pass 2.
O pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name

Macros defined

\_\$255\$DUA28:[SYSLIB]STARLET.MLB:2

0

O GETS were required to define O macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:MTHININT/OBJ=OBJ\$:MTHININT MSRC\$:MTHININT/UPDATE=(ENH\$:MTHININT)

0263 AH-BT13A-SE

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